

AT THE CALIFORNIA ACADEMY OF SCIENCES

JULY MEETINGS

Dates & Times: Matinee, 2:30 p.m., Wednesday July 17
Evenings, 8:00 p.m., Wednesday and Thursday, July 17-18

Place: May Treat Morrison Auditorium

Speaker: Jack R. Kahl

Subject: "OSPREY MANAGEMENT AT LASSEN NATIONAL FOREST"

For the past several years, Mr. Kahl's life has been inextricably bound up with that of the osprey. These magnificent birds resemble bald eagles and have a wing-spread of about five feet. They are currently listed in the national directory of rare and endangered species as "status undetermined" but there is general agreement that the number is declining.



Beginning in 1969, Mr. Kahl was given the opportunity to develop the Osprey Management Program of Lassen National Forest. His three year study was a revelation with the result that important conservation action was taken. The method and manner Mr. Kahl pursued in protecting his charges was both imaginative and effective and his color slides document the fact. It is no wonder that officials have seen fit to honor him recently with a Certificate of Merit plus a cash award for his impressive work with these great birds.

A native Californian, Mr. Kahl has long been involved with wildlife management in one capacity or another: the California Department of Fish and Game, the Arizona Department of Fish and Game, the Bureau of Sports

Fisheries, and in his current position (held since 1966) as Wildlife Biologist and Resource Officer with the U.S. Forest Service.

Three presentations as usual and your membership card will admit you through the main entrance of Cowell Hall. At the matinee performance you may be asked to present it once again at the auditorium entrance.

MORRISON PLANETARIUM

"HOW BIG? HOW BRIGHT? HOW FAR?", the summertime sky show in the Theatre of the Stars, continues through September 9. This is a long, inquiring look at how man has determined some of the dimensions of space.

Performances daily at 12:30, 2:00, 3:30 and 8:00 p.m. Admission is one dollar for adults and half-price for those 17 and under.

SPECIAL EXHIBITS

"EGGS, OEUFs AND AEPYORNIS". Eggs to entrance the eye including the largest on record — that of the Elephant Bird (now extinct) that once roamed the island of Madagascar. In Cowell Hall for an indefinite period.

"ANIMAL, VEGETABLE, MINERAL", a look at the raw materials that man has used to create his artifacts—plus the resultant artifacts themselves. In Hohfeld Gallery through the month of September.

"SELECTIONS FROM THE RIETZ COLLECTION". All about the gathering, storage, preparation and serving of food — worldwide. Continues indefinitely in Lovell White Hall.

"CETACEA" — an extensive exhibit devoted to marine mammals. Continues indefinitely in Cowell Hall.

"PEOPLE/POPULATION" — a look at us, our numbers and how it all adds up. Lower Gallery, Cowell Hall.

SPECIAL NOTICE

All public areas of the Academy will remain open in the evenings until nine o'clock through Labor Day, September 2. Doors open daily at ten.

Advance notice of monthly Academy meetings: August 14-15 and September 11-12.

News and Notes

If there is a latent taxidermist lurking somewhere within you, the Department of Exhibits will be more than happy to assist you in helping it emerge. The department is in real need of volunteers to assist in accessory preparation and by that we mean fabricating flowers and leaves that can be incorporated in various dioramas now undergoing a program of rehabilitation. And, if the idea appeals, the department will also get you involved in animal work. All efforts will be under the direction of specialists and the program will be on a regularly scheduled basis arranged in accordance with each individual circumstance. If you are interested in this activity (and we hope you are) telephone the Exhibits Department, 221-5100, Extension 35.

ACADEMY MEMBERS' TRIPS - AUTUMN 1974

Spaces are still available for the SNAKE RIVER TOUR — September 1-6. This rugged rafting trip on the legendary Snake River will go through Hell's Canyon, one of North America's deepest gorges, abundant with animal, bird, fish and plant life. There will be opportunities for good trout and bass fishing. Five days will be spent running the river between Hell's Canyon Dam and the confluence of the Snake with the Grande Ronde River, a total of 85 miles. Meals will be provided from lunch on the first day through lunch on the sixth day. You will camp out each night.

Arrangements can be made through Gulliver's Travel for transportation to the headquarters at Cambridge, Idaho. Cost exclusive of transportation is \$260.00. Deposit \$50.00 (check payable to Gulliver's Travel). Remainder payable by August 5. Limit: 25 members, minimum age 10. Reservations with deposit by mail to Gulliver's Travel, 3597 Sacramento Street, San Francisco 94118.

The STANISLAUS RIVER TOUR described in the June 1974 NEWSLETTER is completely sold out.

For anyone interested, the Volunteer Council of Audubon Canyon Ranch is planning a class for volunteers for

guiding school groups. Actual training classes will start on September 11, with 16 Wednesday sessions at the ranch. If interested, call the Volunteer Bureau, 454-1630 or, evenings, Barbara Chase 454-0225. Interviews will be held in the fall for applicants who inquire during the summer.

Your attention is directed to two dazzling mineral specimens on loan and on display at the entrance to the Hall of Minerals: (1) a fine specimen of fluorite from Meskis, Sonora, Mexico generously loaned by Mr. George Mendenhall, and (2) a truly gigantic geode, amethyst with cacoxenite inclusions, from Minas Gerais, Brazil. Mr. and Mrs. L. K. Land have graciously allowed us to display this truly "monster" mineral.

Fellows of the Academy are hereby notified in advance that the Annual Banquet is scheduled for Wednesday evening October 2. Specifics will be mailed at a later date.

NEW MEMBERS OF THE ACADEMY

REGULAR MEMBERS

Miss Jean B. Abbey	Miss Susan Kern
Ms. Mary L. Abbott	Mr. Frank Kester
Miss Marie G. Abbruzzese	Mr. Michael L. Korbholz
Miss M. Jean Anderson	Miss Alexandra Kruse
Miss Sherry Ballard	Mr. William S. Lawton, III
Mr. Ralph Barhydt	Mr. Thomas Low
Mr. George W. Barrington	Mr. Duncan E. MacSwain
Miss Marthabel S. Bartlett	Mr. Dennis E. Maring
Miss Barbara A. Baxter	Mr. Van Maroevich
Miss Joyce Black	Miss Mary D. Marshall
Mr. Alex Bonzant	Miss Marie C. Menzie
Dr. & Mrs. Ronald L. Branson	Miss Carol Merritt
Miss Innis Bromfield	Miss Cynthia A. Meyer
Dr. Arthur B. Burch	Mr. Michael C. Miller
Miss Janie L. Burge	Mr. Walt Minnick
Miss E. Anne Clement	Mr. Arthur H. Mitchell
Ms. Ann H. Cohn	Mr. Thomas Moellerich
Miss Christine M. Crocker	Mr. Hugh McMillan, Jr.
Mr. James A. Della	Miss Dolores Sharp Nelson
Mr. William E. Doyle	Mr. Robert D. Nelson
Dr. William Dubilier	Miss Irma W. Newman
Mr. Lawrence R. Emme	Miss E. Erika Nielsen
Environmental Defense Fund	Miss Mary Loo Norrie
Mrs. John H. Esbenshade	Larry Lee Norris
Miss Elizabeth Fall	Miss Annette M. Norvelle
Miss Verna Fernsten	Miss Janet Paehlig
Dr. Harris M. Fishbon	Miss Phyllis Pansegrau
Rev. Alfred R. Friedrich, S.J.	Mr. George S. Peyton
Miss Mary Ann Grant	Mrs. Carole B. Pinnock
Sonne J. Griffin	Miss Rose Marie Pischel
Mrs. Zora C. Gross	Miss Natalia N. Rasumoff
Dr. James R. Groundwater	Mr. Richard B. Raymond
Miss Marie C. Harrington	Mrs. John F. Rhine
Mr. J. Ernest Hartz, Sr.	Mrs. Leah S. Rhodes
Miss Ruth H. Haynor	Ms. E. Brandilyn Ridley
Mr. Burr Heneman	Miss Phyllis Rockne
Mr. William H. Johnson	Miss Victoria A. Romero
A. J. Josephs	Mr. Richard S. Rominger
Mr. Thomas N. C. Kam	Mr. P. Sack
Mr. Jim Kampert	Dr. Frieda Kruse Sherburn
Mr. W. Gerald Karr, Jr.	Ms. Phyllis S. Simon

Miss D. H. Slott
Mrs. J. Warren Spence, Jr.
Mr. Jack K. Stewart
Miss Kathe Stolz
Mr. Harold W. Stombs
Miss velyn N. Strong
Mr. Robert Tani
Mr. Frank S. Todd
Miss Lily Tom
Mrs. Arnold N. Tschudy
Miss Dione von Hein

Mrs. Shirley G. Walton
Mr. James D. Warrenka
Mrs. Henry L. Washburn
Mr. Robert A. Waters
Miss Marcia Whittemore
Miss Nancy Wiegand
Mr. Ray O. Wilkinson
Miss Bethea Wilson
Mr. Donald R. Wilson
Miss Margaret Wrensch
Lt. M. B. Yuill

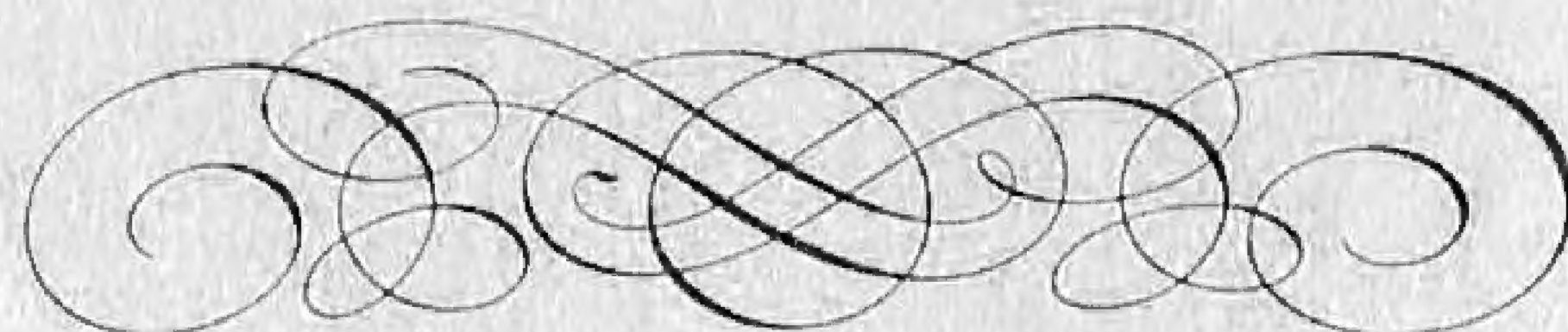
FAMILY MEMBERS

Mrs. Lionel M. Alanson	Mr. & Mrs. Peter A. Lee
Mrs. Catherine Allman	Mr. & Mrs. Roger C. Levit
Mr. & Mrs. J. Kendall Anderson	Robert A. & Hannelore Lewis
Mr. & Mrs. Everett Gene Anthony	Henry P. & Lydia M. Little
Mr. & Mrs. Carl Basore	Marc & Mary Beth Lumer
Dr. Leslie L. Bennett	Mrs. Kathleen C. Mason
Mr. & Mrs. Ted Bhend	Dr. Brian R. Matas
Mr. James V. A. S. Borthwick	Dr. Milton Matter, Jr.
Mr. & Mrs. Paul Box	Harold & Willard Menzies
Mr. & Mrs. Soenke Boysen	Mr. E. W. Milburn
Mr. John F. Briganti	Dr. D. V. K. Murthy
Mr. Lewis M. Bordnax, Jr.	Mr. Richard P. McKeever
Mr. & Mrs. Edward Bryant	Mr. Brian McSweeney
Mr. & Mrs. Orton W. Buckner	Mr. Charles S. Papp
Mrs. Peter Cahill	Mr. & Mrs. William Pedigo
Mr. Robert G. Casey	Dr. T. Alan Peterson
Mrs. Augustus Castro	Mr. & Mrs. Liven A. Peterson, Jr.
Mr. William M. Chamberlain	Mrs. Helen G. Phillips
Ted & Zoe Chandik & Family	Miss Cynthia K. Poole
Mr. Wallace Chin	Mrs. Barbara J. Randolph
Mr. Bill Coats	Dr. & Mrs. Sylvan Raphael
Dr. & Mrs. Alvin J. Fox	Ben & Audree Rich
Mr. & Mrs. Edward J. Davidson	Donald L. & Barbara L. Rivenes
Mr. & Mrs. Theodore Dement	Mr. & Mrs. James A. Robinson
Mr. Leonard Dickstein	Mr. Graham Robson
Mr. John D. Duncan	Mr. & Mrs. J. C. Rowlands
Mr. & Mrs. W. Fowler Furze	Miss Beverly R. Royer
Bobbie & Emilio Garcia	Dr. Abraham M. Rudolph
Ms. Helen Geller	Mrs. Forrest W. Russell
Don, Diana & Bryan Gillis	Mr. Peter J. Shaw
Mrs. Anne T. Harrigan	Mrs. Jane D. Sheehy
Mrs. Marion Helmssoth	Mr. Howard L. Shirley
Mr. & Mrs. E. E. Henning, Jr.	Mr. & Mrs. Thomas P. Southworth
Mr. & Mrs. Joseph R. Herr	Mrs. Carol Spencer
Mr. & Mrs. Charles K. Holleuffer	The Spittler Family
Mr. & Mrs. Clyde H. Holmes	Mr. & Mrs. Henry Stewart
Mr. & Mrs. Joseph Hotchkiss	Dr. M. L. Strong
Mr. & Mrs. Bruce Howard	Mrs. Irene S. Szabla
Mr. & Mrs. William F. Johnson	Jean & Bill Tomlinson
Mr. E. D. Kane	Mr. & Mrs. Robert O. Valentine
Mr. & Mrs. Herman R. Katz	Mr. & Mrs. L. S. Vardas
Mr. Donald O. Kistner	Dr. Milton S. Waldman
Mr. & Mrs. G. Koerger	Mrs. Marilyn Doherty Walker
Mrs. Kathy Koshlap	Dr. & Mrs. George Watson
Mrs. Barbara M. Kriz	Dennis & Shana Weeks
Mr. Peter W. Lacey	Mr. John E. Westfall
V. M. Lai	The Whymans
Mr. V. E. Langley	Mr. & Mrs. William Wilcox
Mr. Cliff Lanrz	Mrs. Wanda Wilson

Col. & Mrs. Charles G. Young

CONTRIBUTING MEMBERS

Mr. Paul G. Besevich	Mr. Edward C. Leighton
Mr. & Mrs. Gino P. Cecchi	Mr. Donald A. Logan
Mr. & Mrs. Albert B. Faris	Mr. & Mrs. John F. Merriam
Mrs. Alan Fleishacker	Mrs. Ruth F. Rankin
Miss Grace St. Amant	



CALIFORNIA ACADEMY OF SCIENCES NEWSLETTER

GOLDEN GATE PARK
SAN FRANCISCO 94118
(415) 221-5100

JULY 1974

NO. 415

Printed on 100% Recycled Paper

Non-Profit Organization
U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 7544

Ref.
Q11
C2211
NO. 415

CALIFORNIA
ACADEMY OF SCIENCES
JUN 26 1974
LIBRARY